

From: ErrorTracker  
Sent: Wednesday, November 06, 2002 10:05 AM  
To: JACook@CPC-Ga.com  
Cc: ErrorTracker; downs.constance@epamail.epa.gov  
Subject: ACKNOWLEDGEMENT OF REQUEST FOR CORRECTION: FOR RFC # 2293

Thank you for your request for correction under the Environmental Protection Agency's Information Quality Guidelines dated 10/29/2002. Your request was received in this office on 10/31/2002 and has been forwarded to the appropriate organization within the Agency.

REPORTED REQUEST FOR RFC #: 2293

Request for Correction: CHEMICAL PRODUCTS CORPORATION (CPC), A GEORGIA CORPORATION WHICH PRODUCES BARIUM AND STRONTIUM CHEMICALS AT ITS CARTERSVILLE, GEORGIA FACILITY, HEREBY SUBMITS THIS REQUEST FOR CORRECTION (RFC) CONCERNING EPA'S INTEGRATED RISK INFORMATION SYSTEM BARIUM AND COMPOUNDS SUBSTANCE FILE (IRIS BA FILE)...

Compliance with IQGs: The Oral Reference Dose for Barium derived in the Barium and Compounds Substance File in EPA's Integrated Risk Information System, as well as the presentation and analysis of the supporting data, do not comply with the OMB requirements for objectivity or for reproducibility...

Recommendation: EPA incorrectly identified hypertension as the critical effect for chronic barium toxicity in its IRIS Ba File. The Oral Reference Dose in the IRIS Ba File is derived from a human study in which volunteers were administered low doses of soluble barium for short periods of time and then evaluated for cardiovascular effects. No adverse effects were observed; the highest dose tested is inappropriately designated a NOAEL even though there is no LOAEL associated with this study. Identification of cardiovascular effects as the critical effect for chronic barium ingestion has been shown to be erroneous...

Impact: Revision of the IRIS Ba File to present a scientifically-sound (and substantially increased) Oral Reference Dose for Barium will allow CPC to pursue review and upward revision of EPA's Toxicity Characteristic regulatory level for soluble barium in wastes. EPA's Office of Solid Waste has been unwilling or unable to address the issue of a substantial change in the regulatory level for soluble barium under RCRA without a prior substantial increase in the Oral Reference Dose for Barium in IRIS...

RFC # 2293 WAS SUBMITTED BY:

JERRY COOK, PHONE: 770-382-2144 , EMAIL: JACook@CPC-Ga.com, ADDRESS: PO Box 2470, Cartersville, GA 30120, FAX: 770-386-6053, ORGANIZATION: Chemical Products Corporation, AFFILIATION: REGULATED FACILITY EMPLOYEE

The Environmental Protection Agency's goal is to respond to requests within 90 days of receipt. In the meantime, if you have any questions regarding the Information Quality Guidelines or the Request for Correction process, please visit the EPA Information Quality Guidelines site ([www.epa.gov/oei/qualityguidelines/index.html](http://www.epa.gov/oei/qualityguidelines/index.html)) or send a letter or fax or e-mail to our office at the address noted below. Please include the Request Number stated in the reference line of this letter in all correspondences.

Sincerely,

EPA Information Quality Guidelines Processing Staff  
E-mail: [quality.guidelines@epa.gov](mailto:quality.guidelines@epa.gov)  
Mail: Information Quality Guidelines Staff (MC 28221T)

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